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**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,434,534	08-13-02	Jay S. Walker, et al.	
		US- 6,336,104	01-01-02	Jay S. Walker, et al.	
		US- 6,330,548	05-11-01	Jay S. Walker, et al.	
		US- 6,315,196	08-13-01	Richard Bachman	
		US- 6,304,859	10-16-01	Raymond B. Ryan, et al.	
		US- 6,260,026	07-10-01	Yoshikazu, Tomida, et al.	
		US- 6,233,566	05-15-01	Levine, David, et al.	
		US- 6,192,347	02-20-01	Graff, Richard	
		US- 6,158,657	12-12-00	Sheldon F. Hall, III, et al.	
		US- 6,128,599	10-03-00	Jay S. Walker, et al.	
		US- 6,119,103	09-12-00	Catherine A. Basch, et al.	
		US- 6,098,052	08-01-00	Eric Kosiba, et al.	
		US- 6,073,104	06-06-00	Richard G. Field	
		US- 6,064,987	05-16-00	Jay S. Walker, et al.	
		US- 6,018,723	01-25-00	Kevin P. Siegel, et al.	
		US- 6,018,718	01-25-00	Jay S. Walker, et al.	
		US- 5,995,947	09-30-99	Stephen K. Fraser, et al.	
		US- 5,991,733	11-23-99	Alan L. Aleia, et al.	
		US- 5,940,813	08-17-99	Thomas A. Hutchings, et al.	

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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		US- 5,839,118	11-17-98	Raymond B. Ryan, et al.	
		US- 5,704,045	12-30-97	Douglas L. King, et al.	
		US- 4,871,177	10-03-89	Roger C. Mock	
		US- 3,727,186	04-10-73	Kenrick O. Stephenson, et al.	
		US- 20010011246A1	08-02-01	Nancy A. Tammaro - Plymouth	
		US- 6,154,730	11-28-00	Edward S. Adams	
		US- 6,018,723	01-25-00	Kevin P. Siegel, et al.	
		US- 5,991,733	11-23-99	Alan L. Aleia, et al.	
		US- 5,774,883	06-30-98	Lloyd R. Andersen, et al.	
		US- 6,138,102A	10-24-00	R. A. Hinckey, Jr.	
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		US- 20020019804 - A1	02-14-02	Robert E. Sutton	
		US- 20020023051 - A1	02-21-02	Adrian E. Kunzle, et al.	
		US- 20020046144 - A1	04-18-02	Richard A. Graff	
		US- 20020046164 - A1	04-18-02	Yuji Kawakami	
		US- 20020077969 - A1	06-20-02	Jay S. Walker	
		US- 200201077651 - A1	08-08-02	Timothy Walker	
		US- 20020116288 - A1	08-22-02	Yoshiaki Nakajima	
		US- 20020133460 - A1	09-19-02	Richard G. Field	
		US- 20020152116 - A1	10-17-02	Kent. J. Yan	
		US- 20020152156 - A1	10-17-02	Kathleen Radlett Tysor-Quah	
		US- 20020156738 - A1	10-24-02	Thomas Irmner	
		US- 20020161609 - A1	10-31-02	Frank M. Zizzamia	
		US- 20020198827 - A1	12-26-02	Joseph Robert van Leeuwen	
		US- 20020169641 - A1	11-14-02	Elbie, D. Wallace, Jr.	
		US- 20020184142 - A1	12-05-02	Michael Whang Suk	
		US- 20020194503 - A1	12-19-02	Kevin P. Siegel, Milpitas	
		US- 20030009358 - A1	01-09-03	Samuel L. Greenfeld	
		US- 20030018549 - A1	01-23-03	Dong Yang	
		US- 20030018558 - A1	01-23-03	Reid R. Heffner	

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		US- 20030036922-- A1	02-20-03	John A. Fries	
		US- 20030041018 - A1	02-27-03	Bill DeSane	
		US- 20010020233 - A1	09-06-01	Hiroshi Shirakawa - Urayasu-shi	
		US- 20010034653 - A1	10-25-01	Yoshimasa Yamamoto	
		US- 20010044773 - A1	11-22-01	Sheila Sellers, et al.	
		US- 20020007342 - A1	01-17-02	Sheila Sellers, et al.	
		US- 20010034695 - A1	10-25-01	William T. Wilkinson	
		US- 20010037274 - A1	11-01-01	Douglas Monticciolo	
		US- 20010039523 - A1	11-08-01	Tetsuro Iwamoto	
		US- 20010047332 - A1	11-29-01	Editt Goñen-Friedman	
		US- 20020065733 - A1	05-30-02	Neil Schloss, et al.	
		US- 20020128956 - A1	09-12-02	William R. Gruber, Jr., et al.	
		US- 20020133442 - A1	09-19-02	Mark Laycock	
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